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November 8, 2004

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Brenda O. Holmes
FROM

PAGES (WITH COVER)

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44471/287892

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COMMENTS

Applicant: Makoto OTSUKAI et al.
Title: Sand Pile Driving Method
Serial No./Docket No.: 10/624,930 44471/287892
Filed: 09/05/2000

PAPERS SUBMITTED:

1. PTOSB/21 - Transmittal form;
2. PTO/SB/17 - Fee Transmittal for FY2005;
3. First Response in application, response to non-final Office Action of 08/06/04.

Date: November 8, 2004
By: Brenda O. Holmes, Reg. No. 40,339

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PTO/58/21 (08-04)

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/624,930
	Filing Date	07/21/2003
	First Named Inventor	Makoto OTSUKA et al.
	Art Unit	3673
	Examiner Name	John J. Kreck
Total Number of Pages in This Submission	Attorney Docket Number	44471/287892

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks 		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	KILPATRICK STOCKTON LLP		
Signature	<i>Brenda O. Holmes</i>		
Printed name	Brenda O. Holmes		
Date	11-08-2004	Reg. No.	40,339

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO's Centralized Facsimile Number (703) 872-9306 on the date shown below.			
Signature	<i>Janie Wilkins</i>		
Typed or printed name	Janie Wilkins	Date	11/08/2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (10-04)

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**FEE TRANSMITTAL
for FY 2005**

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$ 176**Complete if Known**

Application Number	10/624,930
Filing Date	07/21/2003
First Named Inventor	Makoto OTSUKA et al.
Examiner Name	John J. Kreck
Art Unit	3673
Attorney Docket No.	44471/287892

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit AccountDeposit Account Number
Deposit Account Name

11-0855

KILPATRICK STOCKTON LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 790	2001 395	Utility filing fee	
1002 350	2002 175	Design filing fee	
1003 550	2003 275	Plant filing fee	
1004 780	2004 395	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$)**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
13	20	0	0
Independent Claims	6	4	2
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 88	2201 44	Independent claims in excess of 3
1203 300	2203 150	Multiple dependent claim, if not paid
1204 88	2204 44	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 176

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 430	2252 215	Extension for reply within second month	
1253 980	2253 490	Extension for reply within third month	
1254 1,530	2254 765	Extension for reply within fourth month	
1255 2,080	2255 1,040	Extension for reply within fifth month	
1401 340	2401 170	Notice of Appeal	
1402 340	2402 170	Filing a brief in support of an appeal	
1403 300	2403 150	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,370	2501 685	Utility issue fee (or reissue)	
1502 490	2502 245	Design issue fee	
1503 660	2503 330	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1808 180	1808 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 790	2809 395	Filing a submission after final rejection (37 CFR 1.129(b))	
1910 790	2810 395	For each additional invention to be examined (37 CFR 1.129(b))	
1801 780	2801 395	Request for Continued Examination (RCE)	
1802 800	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0**SUBMITTED BY**

Name (Print/Type)	Brenda O. Holmes	Registration No. (Attorney/Agent)	40,339	Telephone	404.815.6500
Signature	<i>Brenda O. Holmes</i>	Date	11-08-2004		

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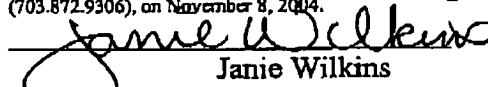
NOV 08 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
Makoto OTSUKA, et al.) Art Unit: 3673
)
Serial No. 10/624,930) Examiner: Kreck, John J.
)
Filed: July 21, 2003)
)
For: Sand Pile Driving Method) Attorney Docket No. 44471/287892

CERTIFICATE OF TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being transmitted to the
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Janie Wilkins
DATE: November 8, 2004

FIRST RESPONSE

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Responsive to the Office action dated August 6, 2004 in the patent application identified above, please enter the following amendments and reconsider the application in view of the appended remarks.

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Amendments to the Drawings begin on page 8 of this paper and include attached annotated sheets showing changes.

Remarks begin on page 9 of this paper.